

# Converting Colors

XYZ(39.9329, 35.4575, 43.2674)

Have a look what the booklet for  
XYZ(39.9329, 35.4575, 43.2674)  
contains.

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# Color

**XYZ(39.9329, 35.4575,  
43.2674)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C194AB
RGB	193, 148, 171
RGB Percent	76%, 58%, 67%
CMY	0.2431, 0.4196, 0.3294
CMYK	0.00, 0.23, 0.11, 0.24
HSL	329°, 27%, 67%
HSV	329°, 23%, 76%
XYZ	39.9329, 35.4575, 43.2674
YIQ	164.0770, 19.4370, 16.6930

# Conversions

## Conversions Part 2

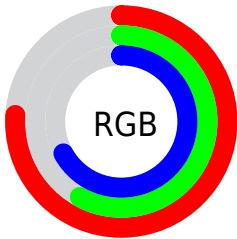
Format	Color
R <sub>Y</sub> B	193, 148, 171
Decimal	12686507
CIE Lab	66.10, 20.59, -5.48
CIE LCh	66, 21.308, 345.095
Yxy	35.4575, 0.3365, 0.2988
Android (android.graphics.Color)	4290876587 (0xFFC194AB)
YUV	164.0770, 3.4130, 25.3655
Hunter-Lab	59.5462, 15.4999, -1.3989

# Details

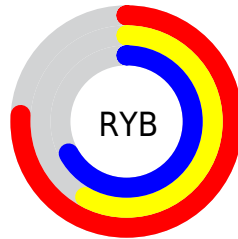
The XYZ color **39.9329, 35.4575, 43.2674** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5398, 47.3391, 45.1384**, and the grayscale version is **35.3018, 37.1403, 40.4458**.

A 20% lighter version of the original color is **74.2723, 68.0560, 81.1731**, and **18.2519, 15.3703, 19.4575** is the 20% darker color. If you saturate the color by 10%, you get **36.2869, 29.5535, 37.7718**, and if you desaturate by 10%, it is **44.1500, 42.3999, 49.2710**.

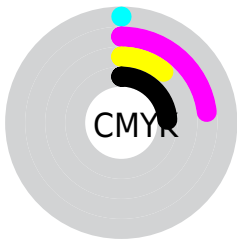
# Distribution



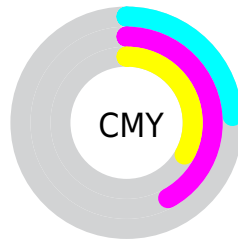
- Red (76%)
- Green (58%)
- Blue (67%)



- Red (76%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (24%)




- Cyan (24%)
- Magenta (42%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9329, 35.4575, 43.2674 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.9329, 35.4575, 43.2674 by changing the saturation by 10% instead.





 39.9329, 35.4575,  
43.2674


 39.9329, 35.4575,  
43.2674


336.9799,  
326.5831, 375.6638

 27.6702, 24.0155,  
29.7620


 74.3463, 68.1939,  
81.4049

 18.2164, 15.3451,  
19.4075


 97.2277, 90.2571,  
106.8741

 11.2061, 9.0620,  
11.7853


124.3795,  
116.6295, 137.1683

 6.2739, 4.7816,  
6.4769

156.1669,  
147.6955, 172.7061

 3.0546, 2.1197,  
3.0637

192.9552,  
183.8394, 213.9060

 1.1827, 0.6757,  
1.1273

235.1100,

 0.0926, 0.0000,

225.4458, 261.1866

0.0000

282.9964,  
272.8989, 314.9663

0.0000, 0.0000,  
0.0000

39.9329, 35.4575,  
43.2674

39.9329, 35.4575,  
43.2674

36.2869, 29.5535,  
37.7718

44.1500, 42.3999,  
49.2710

33.1824, 24.6325,  
32.7666

48.9595, 50.4229,  
55.7949

30.5921, 20.6413,  
28.2363

54.3857, 59.5723,  
62.8538

28.4847, 17.5197,  
24.1635

60.4504, 69.8897,  
70.4609

26.8252, 15.2002,  
20.5291

67.1741, 81.4147,  
78.6290

■ 25.5737, 13.6053,  
17.3125

■ 71.7032, 88.4378,  
86.4126

■ 24.6823, 12.6418,  
14.4896

■ 73.0466, 88.9752,  
93.4868

■ 24.2274, 12.2315,  
12.7979

■ 74.4626, 89.5416,  
100.9433

■ 75.8025, 90.0776,  
107.9992

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.1994, 35.4575, 52.2687



39.9329, 35.4575, 43.2674



39.9270, 35.4575, 34.2426

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.9329, 35.4575, 43.2674



32.1407, 35.4575, 24.1024



29.5840, 35.4575, 52.3187

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.9329, 35.4575, 43.2674



38.5398, 47.3391, 45.1384

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.1589, 35.4575, 43.3277



39.9329, 35.4575, 43.2674



29.5709, 35.4575, 27.5613

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9329, 35.4575, 43.2674



35.2915, 35.4575, 24.0915



28.1542, 35.4575, 34.2942



32.1596, 35.4575, 58.0243



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9329, 35.4575, 43.2674



38.9315, 35.4575, 29.4261



28.1542, 35.4575, 34.2942



28.9618, 35.4575, 49.5232

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.9339, 35.4591, 43.2681



84.2889, 84.6198, 95.3821



36.7405, 33.5500, 54.9919



17.9696, 17.9648, 20.3097



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9339, 35.4591, 43.2681



68.0497, 57.8608, 72.3368



37.9884, 34.6809, 33.0230



10.2832, 10.1619, 11.5819



16.1545, 8.1515, 8.7255



0.7327, 0.3661, 0.5600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.9339, 35.4591, 43.2681



68.0497, 57.8608, 72.3368



40.8260, 48.2535, 57.1772



10.2832, 10.1619, 11.5819



16.1545, 8.1515, 8.7255

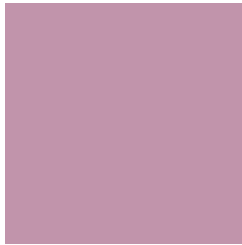


0.7327, 0.3661, 0.5600



# Previews

## White Background



This preview shows how the XYZ color 39.9329, 35.4575, 43.2674 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

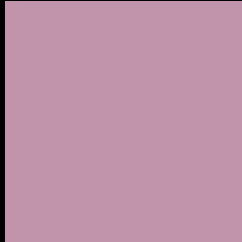
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.9329, 35.4575, 43.2674 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 39.9329, 35.4575, 43.2674**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.9329, 35.4575, 43.2674.



This preview shows how white text looks on a background with the XYZ color 39.9329, 35.4575,

43.2674.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

39.9329, 35.4575, 43.2674

### Protanopia

34.9048, 35.7269, 47.1758

### Deuteranopia

36.2835, 35.5257, 42.4809



## Tritanopia

39.0776, 35.5924, 38.5286

# Trichromacy



## Original Color

39.9329, 35.4575, 43.2674

## Protanomaly

36.4209, 35.5300, 45.4958

## Deuteranomaly

37.4693, 35.3880, 42.8859

## Tritanomaly

39.2772, 35.4180, 40.3635

# Monochromacy



## Original Color

39.9329, 35.4575, 43.2674

## Achromatopsia

35.2861, 37.1238, 40.4278

## Achromatomaly

36.8811, 36.3577, 41.6331

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.9329, 35.4575, 43.2674 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 39.9329, 35.4575, 43.2674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 148, 171) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 148, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.9329, 35.4575, 43.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
148, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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